



Thinvent Aero Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

8GB DDR4 RAM

512GB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: AERO-I5_13-8-M512-12_5-M-DOS-KM



Unleash Your Productivity in a Compact Powerhouse

Introducing the Thinvent® Aero Mini PC: Small Size, Massive Performance.

Experience desktop power without the bulk. This ultra-compact PC, built with a robust steel and ABS plastic housing, is engineered for efficiency and speed.

Powerful Processing

- Equipped with an Intel® Core™ i5-1335U processor featuring 10 cores, a blistering 4.6 GHz max frequency, and 12 MB cache, it handles demanding tasks with ease.

Seamless Multitasking

- 16GB of DDR4 RAM ensures smooth operation for all your applications.
- A swift 512GB SSD provides rapid boot times and quick access to your files.

Versatile Connectivity

- Connect to any display with HDMI and VGA ports.
- Enjoy immersive audio with speaker out and front speaker out, plus crystal-clear communication with mic in and front mic in.

- Plenty of ports for all your peripherals: 2 USB 3.2, 2 USB 2.0, 4 front USB 2.0, and 1 front USB C.
- A 1000 Mbps Ethernet port ensures reliable wired network speeds.
- Dual-band Wi-Fi 5 (802.11ac) offers flexible wireless connectivity.

Designed for Simplicity and Reliability

- Powered by a 12V 7A adapter, compatible with 100-275V AC input.
- Includes a FreeDOS operating system, allowing you to install your preferred OS.
- Comes complete with a Thinvent® Keyboard and Mouse set for immediate productivity.
- Compact dimensions (198mm x 187mm x 40mm) and a sleek black finish make it ideal for any workspace.
- Built to last with BIS, RoHS, and ISO certifications.
- Operates efficiently in a range of environments (0°C ~ 35°C, 20% ~ 80% RH).



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 13th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 1335U |
| Cores | 10 |
| Max Frequency | 4.6 GHz |
| Cache | 12 MB |
| Main Memory | 8 GB |
| SSD Storage | 512 GB |

DISPLAY

| | |
|------|---|
| HDMI | 1 |
| VGA | 1 |

AUDIO

| | |
|-------------------|---|
| Speaker Out | 1 |
| Mic In | 1 |
| Front Speaker Out | 1 |
| Front Mic In | 1 |

CONNECTIVITY

| | |
|---------------|---|
| USB 3.2 | 2 |
| USB 2.0 | 2 |
| Front USB 2.0 | 4 |
| Front USB C | 1 |

NETWORKING

| | |
|---------------------|-------------------------------|
| Ethernet | 1000 Mbps |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

POWER

| | |
|--------------|--|
| DC Voltage | 12 Volts |
| DC Current | 5 Amps |
| Power Input | 100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum |
| Cable Length | 2 Metre |

ENVIRONMENTAL

| | |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 35°C |
| Operating Humidity | 20% ~ 80% RH, non condensing |
| Certifications | BIS, RoHS, ISO |

PHYSICAL

| | |
|----------------------|-----------------------|
| Form Factor | Mini PC |
| Dimensions | 198mm × 187mm × 40mm |
| Housing Material | Steel and ABS Plastic |
| Housing Finish | Powder Coated |
| Housing Colour | Black |
| Net and Gross Weight | 2.03kg, 2.03kg |

ACCESSORIES

| | |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

OPERATING SYSTEM

| | |
|------------------|---------|
| Operating System | FreeDOS |
|------------------|---------|

Ordering Information

| PRODUCT CODE | |
|--|--|
| Aero-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] | |
| RAM | 4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4 |
| SSD | m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB S32 = 32GB MLC S128 = 128GB S256 = 256GB |
| Wireless | m = Dual Band WiFi X = No WiFi |
| OS | DOS = DOS W_OS = Without OS 11V = Windows 11 IoT Value 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux U = Ubuntu Linux |
| Accessories | 0 = None KM = Keyboard and Mouse set MK = Mechanical Keyboard Mo = Wired Optical Scroll Mouse |

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